

ALPHA WIRE COMPANY

CUSTOMER PRODUCT SPECIFICATION

Part Number: 5060/20C
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Issue: 10
Issue Date: 1/29/2008
Effective Date: 3/1/2008

A. Construction

Diameters

- 1) Component 1 20 X 1 COND
- a) Conductor 20 (7/28) AWG TC
- b) Insulation 0.016" Wall, Nom. PVC 0.070
- (1) Color Code Alpha Wire Color Code D

Cond	Color	Cond	Color	Cond	Color
1	BLACK	8	YELLOW	15	RED/BLACK
2	RED	9	VIOLET	16	WHITE/BLACK
3	WHITE	10	GRAY	17	WHITE/RED
4	GREEN	11	PINK	18	WHITE/GREEN
5	ORANGE	12	TAN	19	WHITE/YELLOW
6	BLUE	13	RED/GREEN	20	WHITE/BLUE
7	BROWN	14	RED/YELLOW		

- 2) Cable Assembly 20 Components Cabled
- a) Twists: 2.8 Twists/foot (min)
- b) Core Wrap Nonwoven Polyester Tape, 25% Overlap, Min.
- 3) Jacket 0.032" Wall, Nom., PVC 0.437 (0.456 Max.)
- a) Color(s) Gray, Black, Yellow, Orange, Blue, Green, Red, Sand Beige, White
- b) Ripcord 1 End 810 Denier Nylon
- c) Print ALPHA WIRE-* P/N 5060/20C 20C 20 AWG
 XTRAGUARD 1 XTREME PERFORMANCE FOR XTREME
 ENVIRONMENTS - 105C (UL) TYPE CM OR AWM 2464 VW-1
 --- LLXXXXXX CSA 105C TYPE CMG FT4 CE
 ROHS <SEQ FOOTAGE>

* = Factory Code

[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]

B. Industry Approvals

- 1) UL
 - a) Component 1 AWM/STYLE1569 105°C / 300V
 - b) Overall AWM/STYLE2464 80°C / 300V
 CM 105°C
 VW-1
- 2) CSA International CMG 105°C
 FT4
- 3) EU Directive 2002/95/EC(RoHS):
 All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for compliance Date of Manufacture.
- 4) California Proposition 65: The outer surface materials used in the manufacture of this part meet the requirements of California Proposition 65.
- 5) CE: LVD 73/23/EEC Amendment 93/68/EEC

C. Physical & Mechanical Properties

- 1) Temperature Range -20 to 105°C
- 2) Bend Radius 10X Cable Diameter
- 3) Pull Tension 175 Lbs, Maximum
- 4) Sunlight Resistance Yes

D. Electrical Properties

- 1) Voltage Rating 300 V_{RMS}
- 2) Capacitance 30 pF/ft @1 kHz, Nominal Conductor to Conductor
- 3) Inductance 0.19 µH/ft, Nominal
- 4) Conductor DCR 10.3 Ω/1000ft @20°C, Nominal

E. Other

- 1) Packaging
 - a) 1000 FT

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- b) 500 FT
- c) 100 FT
- d) Bulk(Made-to-order)

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